

GILFER CATALOG 1992

RECEIVERS

ANTENNAS

SWL BOOKS

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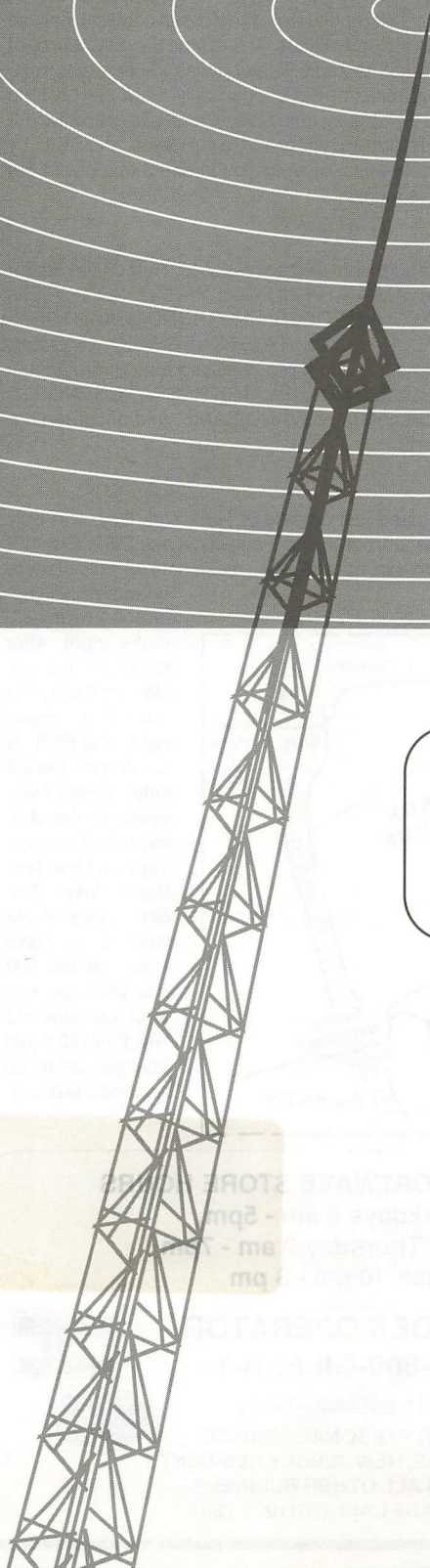
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GILFER

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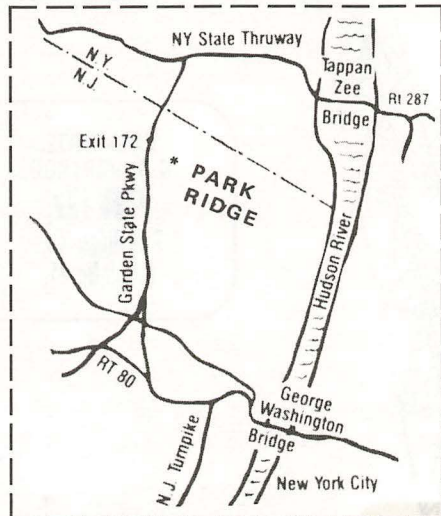
The airwaves were filled with reports from the Korean conflict when we first opened our doors in the early Fifties. At that time the only source of information about international radio listening was the amateur radio store. GILFER wanted to serve the SWL specifically. So began our long history of importing and distributing quality receivers, books and accessories. And 37 years later, we are still proud to serve you, the SWL, by recognizing your special needs, to keep you in direct touch with the world through shortwave radio.

...AND THE BEST!

We sell only the finest equipment and accessories. Authorized dealer for KENWOOD, ICOM, JAPAN RADIO CO., YAESU, SONY, TENC, DATONG, PANASONIC, DRESSLER, GRUNDIG, KANTRONICS, AOR, UNIVERSAL, ALPHA DELTA, STONER-McKAY DYMEK, ANTENNA SUPERMARKET, and more. We also feature the best in radio books by such publishers as ARRL, CRB RESEARCH, WORLD RADIO TV HANDBOOK, TAB, HOWARD SAMS, and of course our own GILFER publications.

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We're conveniently located just outside of New York City, and only minutes away from the Garden State Parkway. Take GSP Exit 172 (Grand Ave.; exit on northbound lane only), make right off exit, follow to



bottom of hill (approx. 1.5 miles), make right after railroad tracks. Next traffic light is Park Ave., make right. GILFER is located on the left side of Park Ave., opposite the Borough Hall. (If coming from New York State, take Garden State Parkway South, make U-turn in the first gas stop you see after crossing NJ line. Exit 172 is just after gas station on northbound lane.)

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WHAT IS SHORTWAVE RADIO?

You may have spent a night or two—or more—tuning around the dial of the Aam radio in your car or your kitchen. One day, you realized that you could hear most of America; There was Boston, Charlotte, St. Louis... Atlanta, Seattle, Minneapolis... maybe even Mexico, Cuba, and Canada. It was exciting, wasn't it? And maybe even a bit mysterious.

Your AM dial goes up to 1600. Imagine, for a moment, that it doesn't stop there; think of it going up to 5000, 10,000, even 15,000. Imagine clusters of radio stations along the way, broadcasting from almost every country in the world, in almost every language you could imagine. Now, think of hundreds of station broadcasting in English, waiting for you to tune in and hear what they have to say.

It's not a fantasy. it's real: It's shortwave radio.

An endlessly fascinating, easily accessible way to reach every corner of the world, shortwave radio nonetheless remains little-known and misunderstood by much of the American public. When thought of at all, it is often confused with amateur radio— an interesting but quite different field—or associated with cumbersome, fragile equipment and miles of wires running all over an otherwise deserted basement. This all might have been true at one time, but some of the same technology that has given us touch-tone telephones, Sahara-sized televisions, and chess computers has produced radio that are astonishingly compact and brilliantly simple to use. What can you expect to hear on shortwave radio? Well, where should I begin?

Music is everywhere. Hunt around a bit, and you'll find stunningly powerful rock from Africa; stately guitars from Columbia; the indescribable, emotionally overwhelming music of Turkey; lively, intense folk and pop from Greece and Iraq; and steamy tangos from Argentina. The Australians are trying their hands at country music, as the Russians are at avant-garde jazz. And, for fifteen minutes each day, Switzerland turns up its giant transmitters to bring music-box sounds— accordians and oom-pahs— to the world.

If you're interested in current affairs, shortwave radio is absolutely your best source of information. Over a hundred million people a day tune into what many consider the best news organization in the world: The BBC ("This is London"). And, if there is a country that especially interests you because of business or family ties, or fond vacation memories, chances are that it can be heard on shortwave. The wry, self-deprecating wit of Australia; the bustling energy of Japan; the new pride and the ages-old conflicts as Spain achieves freedom and prosperity; what the American government is saying about us abroad on the Voice of America— and much more, is on shortwave.

And prepare yourself for the friendliest radio listening around. Shortwave stations aren't answerable to ratings; they only know the effects they have on their listeners through the letters they receive. Most of these stations have weekly programs on which they answer listeners' letters (imagine my thrill when I heard a letter of mine read on the air in the studios of Kol, Israel, 7,000 miles away!); lifelong friendships, and even marriages, have resulted from personal contacts made through such programs as "The Happy Station" on Radio Netherlands and "Musical Mailbag" from Ecuador's "Voice of the Andes".

We at Gilfer Shortwave are all shortwave radio enthusiasts. Our commitment to our customers doesn't stop with a quotation and an order number: we want to see that you are cheerfully and successfully started off into the world of shortwave radio... a world without boundaries, a world without frontiers.

LET'S GET STARTED

THE WORLD IS YOURS ON SHORTWAVE

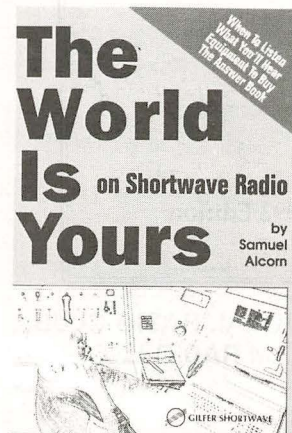
By Samuel Alcorn

A superbly clear and graceful introduction to shortwave radio for fun and knowledge, written by a well-traveled professional journalist. Tells you band-by-band what to expect, where the most rewarding listening is each time of day, and the kind of programming each station specializes in. **If you're not getting what you should out of your radio, Sam Alcorn can easily guide you through the basics of listening,** setting up a "shack," collecting souvenirs and all the other byways of international radio. Contains **the absolute easiest chart to work out world time anywhere across the USA.** Pop Com has described the first edition as the "best book of its kind" and this **new Third Edition** is even better. Thirteen chapters, well illustrated.

Chapters on: What's Out There, The Receiver, The Antenna, A Signals's Journey, Where to Tune, Your First 20 Countries, Collecting Souvenirs, More to Hear, Getting More Information, DXing Tips, Taking to the Airways, Glossary etc.

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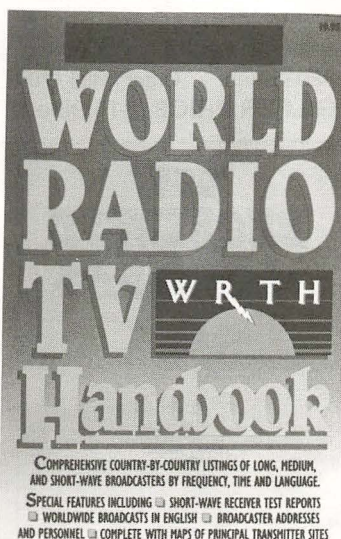
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WORLD RADIO TV HANDBOOK '92

The original "SWL's Bible" is a must for anyone with a shortwave radio. Contains details about every international and domestic radio broadcaster on the HF bands, plus coverage of worldwide mediumwave, FM and television stations. Country-by-country information includes governmental agencies, commercial and public networks, station personnel, transmitter locations, and more. **Special sections: English language broadcasts** to all of the world's target areas; cross-reference list "by frequency;" schedule of **DX programs;** receiver reviews, **JRC NRD-535, Drake R8, Sony ICF SW-55** portable etc, antenna reviews such as **Dressler ARA-60**, and new computer software. Page for page **the most informative publication of its kind.** 592 pages. #W01 400

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Traveler's Guide to World Radio: A handy graphic-format booklet that details English broadcasts accessible in 51 major destinations. Conveniently arranged by city, the book shows local AM-FM broadcasts with schedules/frequencies for major shortwave broadcasters such as BBC and Voice of America. Also gives local electric current, telephone country prefix, etc. This booklet is not a substitute for the World Radio TV Handbook above. **Produced for the world traveler.** **GILFER PRICE: \$9.95**

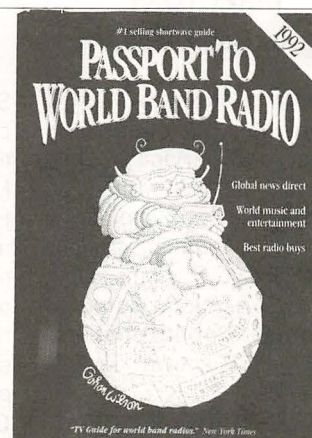
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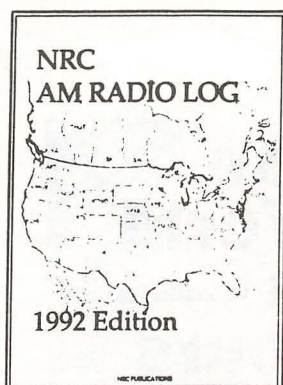
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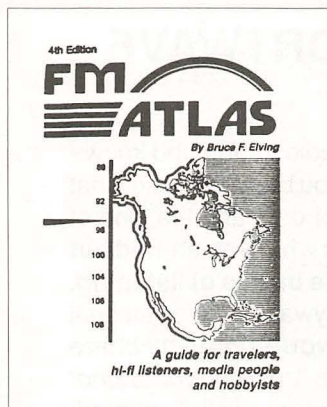
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SWL BOOKS



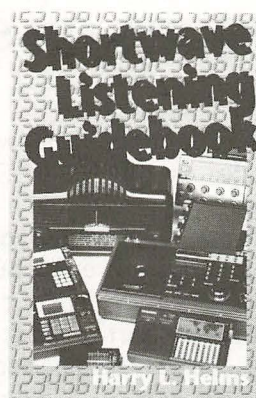
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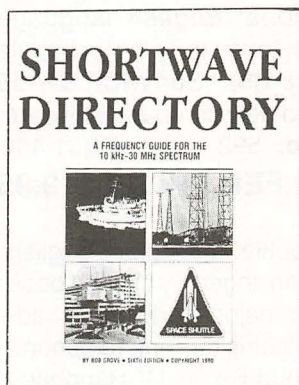
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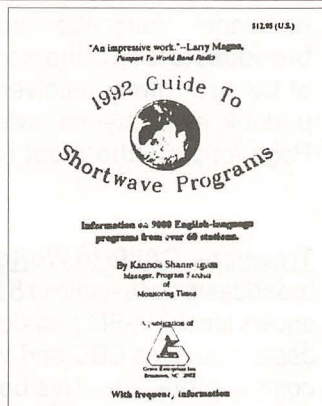
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2nd edition

WILHELM HERBST VERLAG

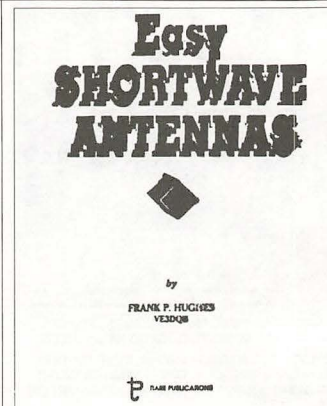
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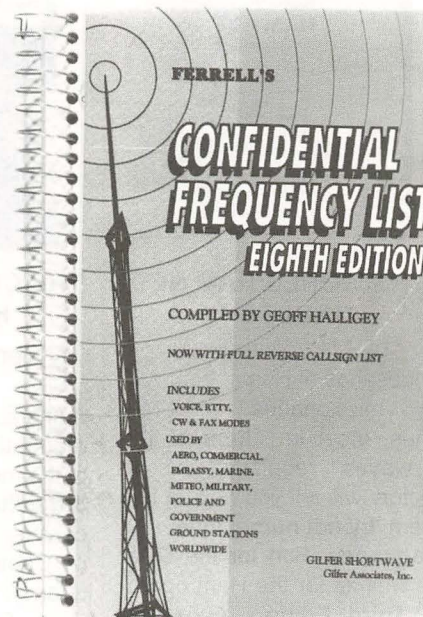
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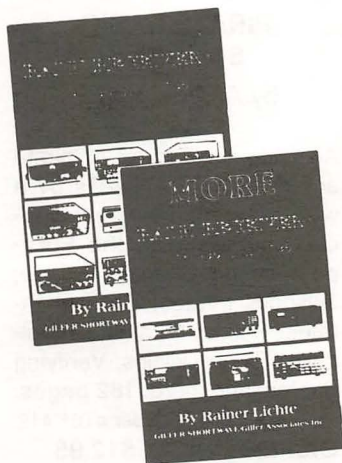
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THE RADIO RECEIVER SERIES

By Rainer Lichte



Tired of trying to compare manufacturer's spec sheets? Most of the equipment specifications one finds published in magazines and catalogs (including this one!) are provided by the manufacturers. Each manufacturer has its own way of measuring -- it's like comparing apples and oranges. With **RADIO RECEIVER - CHANCE OR CHOICE**, and its sequel, **MORE RADIO RECEIVER - CHANCE OR CHOICE**, **all receivers have been tested on the same equipment by the same qualified engineer -- both quantitatively and qualitatively.** The consumer finally can discover the truth about many shortwave receivers at one time -- not just a single receiver!

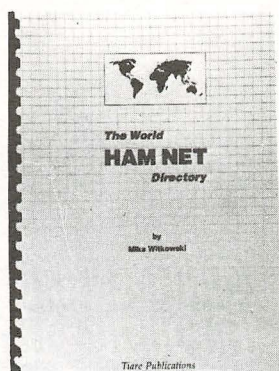
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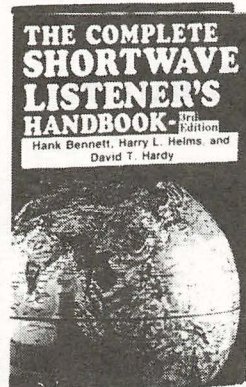
SWL BOOKS



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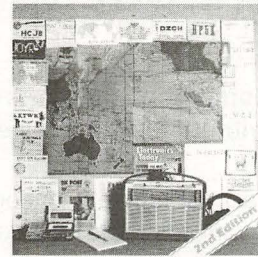
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Former RFI Investigator, Southern California Edison Company
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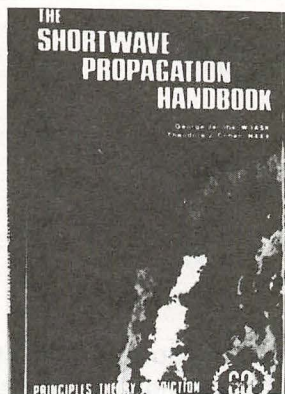
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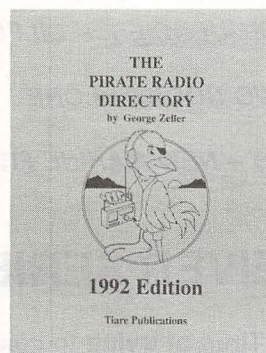
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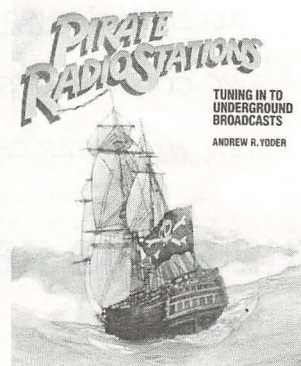
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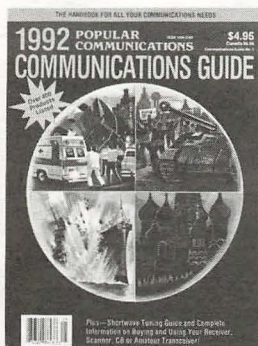
PIRATE RADIO STATIONS

by Andrew Yoder

An historical survey of pirate activity since the 1920's by a well-known pirate DXer; **special emphasis on the European scene**. Chapters include: Offshore Pirates; Political Pirates; Holiday Pirates; European Pirates; Pirate Utilities; Verifying Pirates; and more. **182 pages**.

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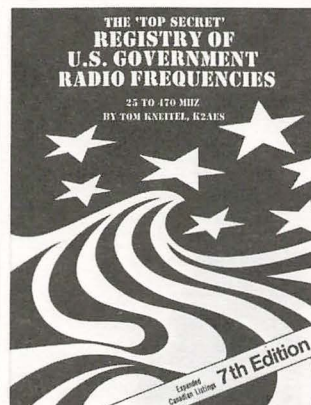
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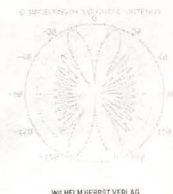
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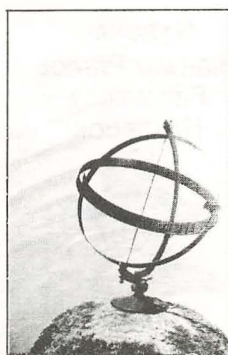


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Tom Kneitel, K2AES



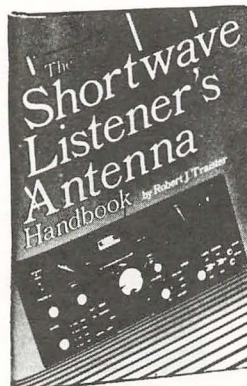
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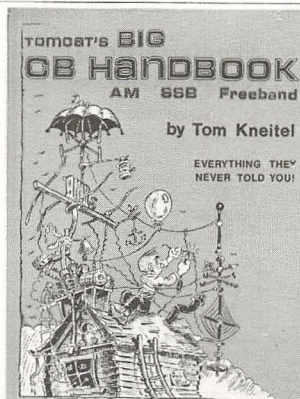


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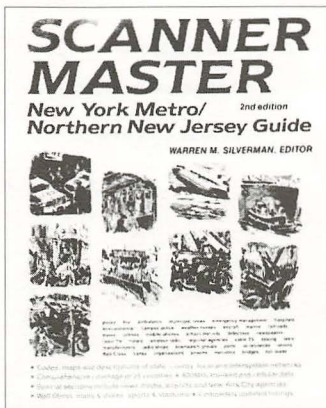
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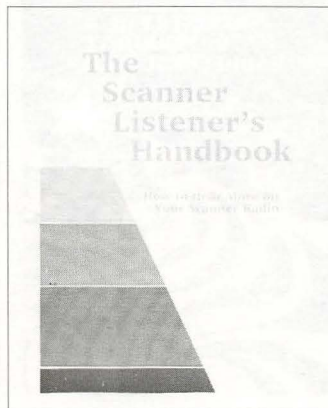
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SCANNER BOOKS



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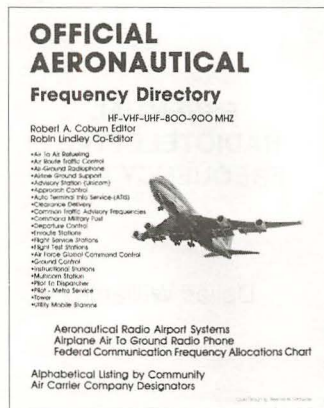
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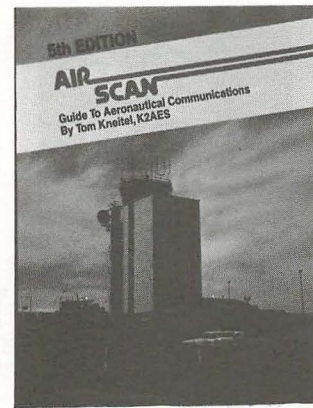
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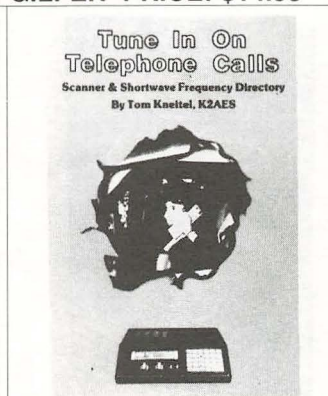
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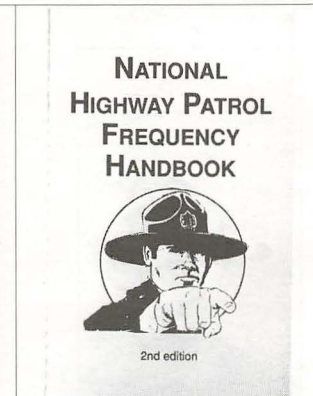
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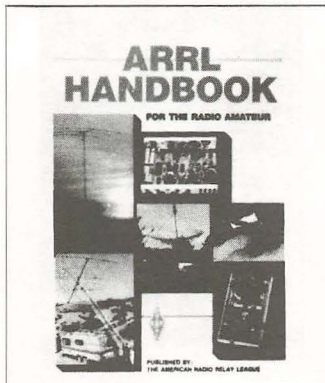


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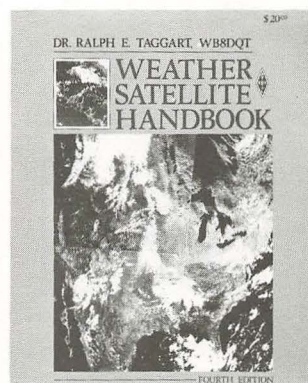


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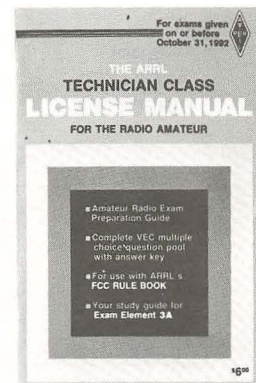
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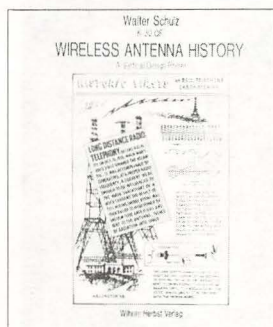
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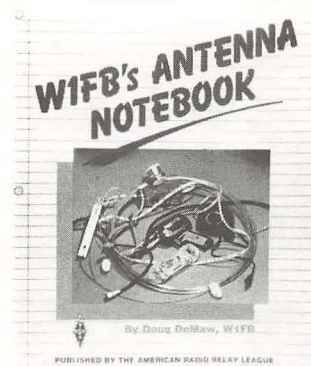
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Surveys early antenna history, and discusses the **theory and design of vertical antennas** as first explored by Hertz and Marconi.

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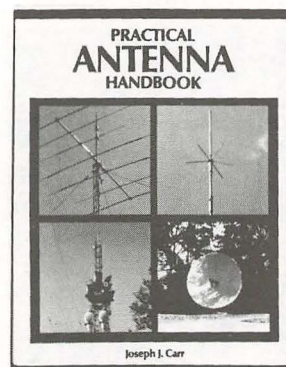
by Doug DeMaw

Clear and cheerful hints from one of Ham Radio's most popular writers. **Dipoles; single wire; verticals; limited space ("invisible"); matching techniques; receiving antennas; and antenna measurements.**

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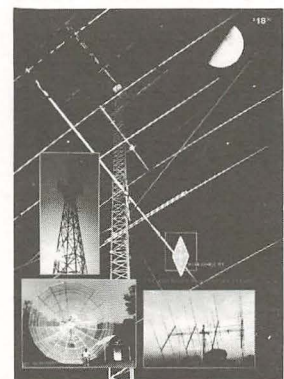
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A thorough, very well-written guide to antenna theory and design, covering shortwave, VHF, UHF, and microwave antennas, directional beam antennas, tunable wires, propagation theory, **grounding, measurements, marine and emergency applications, and computer programs for antenna design.**

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HAM BOOKS

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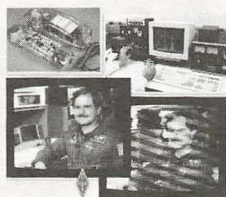
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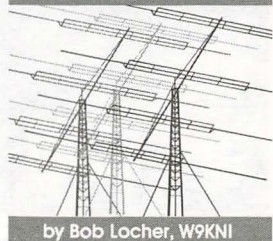
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Fundamental guide to on-the-air amateur radio, written by a host of experts. Chapters: Basic Operating; DXing; Antenna Orientation; RTTY; Contests; Operating Awards; FM and Repeaters; Packet; Satellites; VHF/UHF; DXpeditions; Emergency communications; Traffic Handling and more.

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in Amateur Radio after
you get your license.

By Doug DeMaw, W1FB

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Kenwood R-5000

Value and high performance

Kenwood's R-5000 is the receiver of choice in the under-\$1000 price class. The R-5000 excels in an area which is often overlooked by today's manufacturers: audio quality. With the optional YK-88A-1 AM filter, the R-5000 is simply the best sounding receiver of its kind for listening to music and news programs from the world's many international short-wave broadcasters. Furthermore, DXing performance is not forsaken in lieu of great sound. The R-5000 is just as impressive a radio for SSB, CW and RTTY as it is for AM.



GILFER PRICE: \$895.95 (+\$12)

* Frequency coverage of 100 kHz to 30 MHz * Direct frequency entry * 100-channel memory bank with several scan functions. Stores frequency, mode and antenna settings * All modes: AM, USB, LSB, FSK & FM * IF shift, notch filter, and dual noise blankers eliminate interference from adjacent stations and electrical line noise * Automatic selection of bandwidth filters comes in handy when switching modes: i.e., if you're in the AM mode, the set automatically selects the AM filter. If you switch to CW, the set switches to the CW filter if installed; if not, it picks the narrowest filter available. Likewise for SSB. Of course, you may override this at any time and, say, select the AM filter in the CW mode or a narrower SSB filter while in the AM mode * Three-step attenuator helps prevent overloading caused by strong nearby transmitters. Step down the RF input levels by 10, 20 or 30 dB * Rechargeable memory backup battery eliminates the need to re-enter your favorite frequencies when the AA cells run down. And, the radio's microprocessor doesn't go dead when the battery does * Dual antenna inputs selectable from the front panel. No more fumbling to choose the proper antenna.

R-5000 OPTIONS:

* **Crystal IF Filters (\$88.95 +\$4)** of varying bandwidths: 6 kHz for AM mode reception (YK-88A-1); 1.8 kHz SSB filter (YK-88SN); and 500 Hz (YK-88C) or 270 Hz (YK-88CN) for CW and RTTY applications * **VC-20 VHF Converter Unit (\$195.95 +\$5)** adds coverage of the 108 - 174 MHz VHF band to the R-5000. Listen in on local Police, Fire, Ambulance and Public Service agencies as well as VHF aeronautical and marine communications, 2 meter ham operators, more * **DCK-2 DC Power Cable Kit \$12.95 (+\$3)** for 12 volt DC operation. Includes connector for cigarette lighter * **HS-5 Deluxe Headphones \$64.95 (+\$5)**. Great sound and amazingly comfortable * **SP-430 External Speaker \$65.95 (+\$6)** provides excellent audio, and matching cabinet looks great, too! * **IF-232C Computer Interface Unit \$94.95 (+\$4)** & **IC-10 Integrated Circuit Kit \$34.95 (+\$3)** enables the R-5000 to be controlled by personal computer via RS-232C port. **VS-1 Voice Synthesizer** for visually impaired or use with recorder \$64.95 (+\$3) * **Dust Cover \$9.95 (+\$3)** keeps your receiver looking like new. * No charge for filter installation. No charge for shipping on filters when installed.

R-5000 SPECIFICATIONS

Frequency Range: .1 - 30 MHz, *108 - 174 MHz (* with optional VC-20 converter)
 Modes: AM, USB, LSB, CW, FM, and FSK (RTTY)
 Receiving system: Double conversion superheterodyne*. 1st IF 58.1125 MHz, 2nd IF 8.83 MHz. (*3rd IF (FM Mode only) 455 kHz)
 Sensitivity: 10 dB S/N, modulation = 30% (AM)

AM:	.5 - 1.8MHz	32 uV or less
	1.6 - 30 MHz	2 uV or less
SSB	.5 - 1.8 MHz	4 uV or less
	1.8 - 30 MHz	.25 uV or less

 Selectivity:

AM*:	6.0 kHz	11 kHz (*optional)
SSB:	2.4 kHz	4.4 kHz
FM:	12 kHz	-----

 IF Rejection: 70 dB or more (1.8 - 30 MHz)
 Image Ratio: 80 dB or more (1.8 - 30 MHz)
 Nominal antenna impedance: Ant 1 (PL-259) 50 ohms, Ant 2 (screw terminals) 50 or 500 ohms
 AF output: 1.5 W at 8 ohm load, 10% distortion
 Power supply: 120 VAC +/-10%, 13.8 VDC +/-15% (w/optional DCK-2)
 Dimensions (approx): 10.6(W) x 3.8(H) x 10.6(D) inches, excluding projected parts. Weight (approx): 12 1/2 lbs.

Review in "More Radio Receiver, Chance or Choice"
 by Rainer Lichte

HF RECEIVERS

Japan Radio Co. NRD-525 Quality - Quality - Quality

When you buy the JRC NRD-525 communications receiver, you are buying quality -- from the solid metal cabinet to the silky smooth spin of the main dial -- you see and feel quality. Should you peer inside, you would see slotted boards superbly designed for performance and accessibility.

* 90 kHz to 30 MHz frequency coverage combined with direct entry keypad for increased tuning flexibility * 200 tunable memory channels store frequency, mode, bandwidth and AGC settings * All modes: AM, USB, LSB, CW, FAX, RTTY & FM * Standard IF bandwidths of 2 and 4 kHz, with room for two optional filters * Microprocessor control of all vital functions, including frequency, memory, bandwidth, mode and AGC settings * Synchro-phase detection enhances reception of AM signals and helps to reduce the effects of carrier distortion and fading

* Vacuum fluorescent front panel display indicates frequency, mode, bandwidth, AGC, attenuator and clock/timer settings, and also incorporates an incredibly accurate digital signal strength meter * Passband tuning/ IF notch filter/dual-width noise blanker for combating interference from nearby signals and electrical noise sources * Advanced construction techniques centering around a modular design. Components are mounted on plug-in circuit boards, facilitating easy addition of options. There is a limited warranty of one year from date of purchase. Wt. 17. Size 5 1/2"Hx13"Wx12"D.



List Price: \$1349.00

GILFER PRICE: \$1129.95 (+\$15)

Review in "More Radio Receivers, Chance or Choice"
by Rainer Lichte



**NVA-88
External
Speaker**

**ST-3
Headphones**



**Black Beauty
Cloth Dust
Cover**

NRD-525 OPTIONS:

* **IF Crystal Filters \$139.95 (+\$3)** available in various bandwidths: 300 Hz (CFL-231), 500 Hz (CFL-232) 1 kHz (CFL-233) & 1.8 kHz (CFL-218A). Receiver allows addition of up to two optional filters

* **Matching external speaker NVA-88 \$59.95 (+\$6) and Headphones ST-3 \$69.95 (+\$4)** provide great sound for the discriminating listener. An external speaker is strongly recommended in order to take advantage of the 525's super audio quality

* **Black Beauty Cloth Dust Cover \$12.95 (+\$3)**

* **VHF/UHF Converter CMK-165 \$371.00 (+\$4)** adds 3 frequency ranges: 34 to 60 MHz, 114 to 174 MHz & 423 to 456 MHz. All-mode coverage of these bands lets one monitor local police & fire, 6M, 2M & 440 MHz amateur bands and OSCAR satellites, marine and aeronautical communications, and much more.

* **PC interface CMH-532 \$109.95 (+\$4)** allows user to connect to any RS-232C port. Connecting an external computer enables control of all of the receiver's microprocessor functions for unlimited versatility. **RS-232C cable \$67.95 (+\$4)** also available. Software available from several sources, including TRS Consultants and Datacom. Requires above interface. Please call our technical assistance number, (201) 391-7887, for ordering information

* **RTTY Demodulator CMH-530 \$109.95 (+\$4)** mounts internally and allows reception of Baudot radioteletype at several shifts and speeds. Output is for standard Centronics-compatible printers. **Printer cable \$67.95 (+\$4)**

* Installation of options, no charge. No shipping charge when options installed at time of purchase.

Japan Radio Co. NRD-535D The Next Generation

Japan Radio Company has outdone even its own beautiful NRD-525 with an incredible new top-of-the-line receiver, designed for the most fastidious listener. Meant for the individual who demands perfection on all modes and under all conditions. Read on:

This machine was built for you!

FEATURING: HIGH SENSITIVITY AND DYNAMIC RANGE--An RF amplifier with quadruple-connected JFET's improve the ability of the NRD-535D to pick out a weak signal from all the surrounding noise.

ELECTRONIC RF TUNING SYSTEM--The double tuning circuit in the receiver's front end is continuously controlled by the microprocessor.

1 Hz TUNING RESOLUTION--The PLL synthesizer section employs DDS (Direct Digital Synthesis) IC's, controlled by a magnetic-type rotary encoder in the main tuning dial - capable of tuning increments as small as 1 Hz.

ALL- MODE OPERATION--AM, USB, LSB, CW, RTTY, FAX and FM. With optional CMH-530 RTTY Demodulator, CCITT No. 2 specified 5-level Baudot signals may be converted and accessed via the RS-232C Serial Interface.

EXALTED CARRIER SELECTABLE SIDEBAND (ECSS) Retains signal audio fidelity while minimizing fading & distortion.

DUAL NOISE BLANKERS The noise blanker wide, for woodpecker-type noise; or narrow mode for electrical noise (automobile ignitions, motors).

NOTCH FILTER; An IF notch removes annoying heterodynes from the receiver's passband. **PASSBAND SHIFT (PBS)**; moves apparent center frequency of IF filter to help remove interfering signals.

BANDWIDTH CONTROL (BWC) Reduces overall bandwidth in the "Intermediate" bandwidth control section -- good on crowded bands.

PERSONAL COMPUTER CONTROL- Allows link-up to personal computer for enhanced control of receiver. See computer software/hardware, p 28.

INTERNAL CLOCK/TIMER- Will turn on at specified time and can turn on tape recorder via timer relays on rear panel.

LARGE MEMORY CHANNEL CAPACITY --Up to 200 memories available (with frequency, mode, filter, AGC and attenuator settings. RTTY setting can be stored if CMH-530 installed). Backed up by lithium battery.

SUPERB ERGONOMICS AND OPERABILITY Basic operating controls on front panel, mode selected by single button, advanced operation thru User Definition Functions.

STATE-OF-THE-ART MANUFACTURING PROCESS Full modular construction; chip-type surface-mount components; automated production results in superb quality control at less cost; simple troubleshooting service.

SIZE: 5 1/2" H x 13"W x 12"D. **Weight:** 18 lbs.

NEW! NEW! NEW!

***Enhanced AM Bandwidth Control** - now in all NRD-535D receivers, makes an exceptional improvement. In the original NRD-535D receiver, the BWC only effected operation in the Intermediate bandwidth position. With the new enhanced Bandwidth Control, Intermediate & Wide bandwidth can be controlled for the optimum listening quality as well. The new receivers also have 5.5 kHz filter in the wide position for better AM selectivity and reduction of loss of lock during ECSS operation. A clearly worded instruction manual is supplied with each receiver so you'll understand all the nuances of your new equipment. One year limited warranty.

***Filters:** CFL-218A-1.8 kHz, CFL-231-0.3 kHz, CFL-232-0.5 kHz, CFL-251 -2.5 kHz **\$139.95 (+\$3);** *** CGD-135** High stability crystal oscillator **\$86.95 (+\$3)** Order by CFL number and bandwidth in kHz. No charge for installation, see below.

***CMH-530 RTTY Demodulator \$109.95 (+\$5)** Order #J01 310. *** ST-3 Headphones \$69.95.(+\$4)** Order #J01 328. ***SM-535 Service Manual \$35.00 (+\$3)** Order #J01 335. *** Black Beauty Dust Cover \$12.95 (+\$3)** Order #G01 504. Cover your NRD receiver with waterproof cloth, not plastic. ***Installation of options at no charge** if done at time of receiver purchase. **No shipping charge on options** when purchased/ shipped with receiver (except speaker).



GILFER PRICE \$1699.95

Order #J01 100

(+\$15)

SPECIFICATIONS:

Frequency: 0.1-30MHz. **Modes:** AM, USB, LSB, CW, RTTY, FAX, and Narrow FM.

Frequency stability: + or -2 ppm or better after 5-50 minutes warm-up period (+ or - 0.5 ppm with optional CGD-135 High Stability TCXO installed).

Tuning increments: Selectable .001, .01 and .1kHz steps with main tuning dial; .01 and 1 kHz steps with up/down buttons.

Memory capacity: 200 tunable memories. **Receiving system:** Triple superheterodyne (double superheterodyne for FM).

Intermediate frequencies: First IF: 70.455MHz; Second IF: 455 kHz; Third IF: 97 kHz.

Review in "World Radio TV Handbook" 1992 Edition
Best Communications Receiver 1991 Award

HF RECEIVER AND CAR RADIO

Yaesu FRG-8800

Lowest priced table-top receiver

The Yaesu FRG-8800 is the first choice of those who want superior reception and performance at a modest price. Full coverage together with direct entry digital tuning makes this one of the best bargains on the SW receiver market. The Yaesu FRG-8800 can be mated with a heavy duty Eavesdropper or Alpha Delta Sloper for maximum signal pulling ability. The nicely styled receiver can be upgraded to VHF/UHF capability with the FRV-8800 option shown below, or improve the audio quality with the fine Yaesu SP-767 speaker.



* Frequency coverage from 150 kHz to 29.999 MHz with direct-entry keypad, **12 memory channels** and three scanning modes * All modes: AM, USB, LSB, CW and FM, all push-button selectable * **Large backlit LCD display** shows frequency with 100 Hz resolution, and incorporates a unique bar graph digital S meter * Selectable AGC, noise blanker and tuning rate controls ensure comfortable listening and easy operation even under adverse band conditions * Intermediate Frequency filter bandwidths of 6 kHz (AM Wide) and 2.7 kHz (AM Narrow and SSB) are selectable by the user via front panel control button. For optimum CW reception, an active audio peak filter can be engaged for extremely sharp response * **Two 24-hour clocks** and an on/off timer are provided, as well as automatic power switching of auxiliary recording equipment * CAT (Computer Aided Tuning) port provides a direct link to the 8800's 8-bit CPU. When used with the optional FIF-232C interface, control of the radio via personal computer is possible. **List Price: \$784.00**

Warranty: one year. Order #Y01 100.

GILFER PRICE: \$699.95 (+\$12)



Optional accessories include:

* **FRV-8800 VHF Converter \$109.95 (+\$4)** adds coverage of the 118 - 174 MHz VHF band used by numerous public safety agencies, amateur radio operators, NOAA weather stations, etc. * **FRA-7700 Active Antenna \$59.95 (+\$4)** covers .15 - 30 MHz in 6 bands. Features 1.2m telescoping whip and solid-state preamplifier * **FRT-7700 Antenna Tuner \$75.95 (+\$4)** covers entire range of the 8800, matches the impedance of antenna to the receiver's input. Features 4-step attenuation and switches between two antennas. **Headphones: YH-55 \$28.95 (+\$5)** provide great sound with over-the-ear., **YH-77 \$26.95 (+\$4)** a-top the-ear * **Dust Cover \$8.95 (+ \$2)**

Philips DC-777

AM/FM/Shortwave for your car!

Finally a good shortwave radio to put in your car -- with a cassette deck, a security code to deter theft and hardware for trim, metal housing and pull-handle for take-it-with-you convenience.

The MW preset is for 10 kHz bandwidth (the American standard), The FM mode is set for 50 kHz and plays in stereo through 50 watts (2x25W) amplification to give all the volume and fidelity you need. The cassette player also accesses these amplifiers. The SW mode is set in 1 kHz steps and covers from 3170-21,910 kHz. The receiver utilizes PLL Quartz Synthesis tuning auto store system which automatically tunes and stores the five strongest available stations of AM & FM. There's an LCD readout of frequency, waveband, pre-set number FM stereo mode, auto store, loudness & tape direction. The cassette player mutes the radio and has features including auto-play/ auto-replay/ auto-reverse/ and auto stop. The DC-777 will fit in most cars right in the dash (7"W x 2"H x 6"D). For the "remove" option, use the slip-out metal housing \$55.95 (Order #P04 302) a pull-handle \$17.95 (Order P04 301), trim \$3.95 (Order P04 303). For Philips DC-777 car radio, Order #P04 100. **(List Price: \$459.00)**



Review "PopComm" April 1992

GILFER PRICE: \$399.95 (+\$6)

R. L. Drake R-8 Communications Receiver

5 Built-in Filters- Ready to Receive

The R.L. Drake Company was a prime mover in the ham radio field for many, many years. Absent from the field for almost ten years, the Drake has now designed a new high quality shortwave receiver featuring :

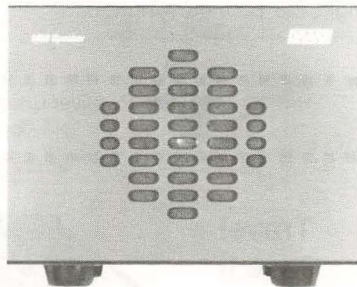
Continuous tuning on a digital display, five bandwidth filters, good dynamic range, excellent stability, synchronous detection, a notch filter, passband tuning, provision for two antennas, two 24-hour clocks, and 100 memory capacity. With all these features, it is plain to see that Drake has taken its entrance back into the shortwave field seriously. This is the right receiver for the program listener, who wants to have strong control in difficult conditions. Order # D04 100



Made in USA **List Price: \$979.00**
GILFER PRICE \$959.95 (+\$12)

* Frequency coverage from 110 kHz to 30 MHz with direct-entry keypad, 100 memory channels and three scanning modes
 * All modes: AM, USB, LSB, RTTY, CW and FM, all push-button selectable * **Large backlit LCD display** shows frequency with 100 Hz resolution, and incorporates a unique bar graph digital S meter * Selectable AGC, noise blanker and tuning rate controls ensure comfortable listening and easy operation even under adverse band conditions * Intermediate Frequency filter bandwidths: 6.0, 4.0, 2.3, 1.8, and .500 kHz are selectable by the user.

Review in "World Radio TV Handbook " 1992 Edition



SPECIFICATIONS

Frequency Range: 110 kHz - 30 MHz
 Converter: (Optional) 35-55, 108-174 MHz
 Filters: 6.0 kHz, 4.0 kHz, 2.3 kHz, 1.8 kHz 500 Hz
 Modes: AM, FM (narrow-band only), CW, RTTY, USB/LSB
 Sensitivity: 0.5 uV 1.5-30 MHz
 Dynamic Range: 90 dB
 Stability: 1 Hz per half hour. Synchronous detector.
 Dimensions: 13"W x 13"D x 5 1/4"H. Weight: 13 lbs.
 RS232 C Serial Interface
 Multiple scan functions frequency limits, memories
 AC Power: 100/120/200/240 VAC +-10%
 DC Power: 11-16 VDC @ 2 A

OPTIONS:

* **MS-8 Speaker** (shown above) Order #D03 202 **\$49.94 (+\$6)** * **VHF Converter** 35-55 MHz and 108-174 MHz, Order #D03 204 **\$199.95 (+\$4)**. * There is a Software Remote Control Package for the RS232C Interface, Order #D03 101 Drake has improved upon the original design of the receiver inasmuch as the internal computer will be able, with this modification, to retain memory of the bandwidth filter selection, thus saving the operator the necessity of flipping through bandwidths each time the memory of saved frequencies is accessed. \$15.00. This modification is included in all of the Drake receivers that GILFER sells currently, and need only be purchased by individuals with early-on receivers. * **Black Beauty Cloth Cust Cover**, Order G01 504 **\$12.95 (+\$3.00)**

It is interesting to note that the R8 is a particularly good receiver for the senior citizen or visually impaired shortwave listener since this set has only a modest number of buttons on the front panel, a bright large-lettered digital display of the frequency, and an audible "bleep" when frequencies are entered. All of these factors might work to the advantage of specific individuals. It should also be considered where electric power outages occur since the 100 channel memory is non-volatile and will hold up even when the juice runs out. This is also a receiver for the wanderer who might utilize the built-in, multi-voltage power supply, or the dual time zone built-in clock.

Another plus for the R8 are the two operating VFO's (popular among ham radio operator in transceivers and useful in marine duplex operation) adding to flexibility and convenience. The noise blanker is part of the package, as is the passband offset, dual antenna inputs on the front panel, and connections for an external speaker and tape recorder. The R8 is computer compatible and certain hardware and software can be used..

PORTABLES

SONY ICF-2010

Affordable hi-tech in a portable

The SONY ICF-2010 stands alone in its advanced electronics in a portable case. Its features put it close to the performance category of some table top receivers costing more. The ICF-2010 has commanded the field of portables since its appearance at dealers throughout the country.

* Dual PLL quartz frequency synthesis for precise tuning and rock-steady stability * 32 memory channels for storing your favorite frequencies * Synchronous AM detection (see below) enhances reception and eliminates distortion caused by fading * Dual selectable AM bandwidth filters * 12/24 hour clock and multi-function timer * Order #S05 100 **List Price: \$449.95**

GILFER PRICE: \$359.95 (+\$7)

Falcon Nest Travel Case II Order #G01 302 (**\$44.95 + \$4**) provides stylish waterproof protection and room aplenty for your 2010 and accessories. Made in the USA by Tenba, and includes 5-year warranty against manufacturing defects. Color: black. Size: 12" x 8" x 4", big enough to fit Sangean ATS-803, Uniden 2021, Sony 2001, etc. * Our famous waterproof **Falcon Hood Dust Cover** Order #G01 405 (**\$12.95 + \$3** keeps coffee, pet hairs, ashes and other household delights out of the radio. Color: black. * **DCC-127A Car Battery Cord** Order #S05 304 (**\$29.95 + \$3**) has cigarette lighter plug and multi-voltage settings to power any portable radio that requires between 4.5 and 12 VDC * **AN-1 Active Antenna** Order #S05 302 (**\$89.95 + \$6**) was designed especially for portable receivers. Reduced gain prevents overloading of sensitive RF sections of today's portables *



SPECIFICATIONS

Frequency range 150 - 29999 kHz (LW/MW/SW), 76- 108 MHz (FM) and 116 - 136 (Air)
Selectivity (6/60 dB) Wide 4.8/16.2 kHz. Narrow 2.5/6.8
Sensitivity (10 dB S+N/N AM 400 Hz, 40% modulation, narrow filter) 500 kHz: 35 uV, 1 MHz: 30 uV, 5 - 30 MHz 1.4 uV or better.
Power requirements 4.5 VDC (3 D-cells) or supplied 120 VAC/ 4.5 VDC converter
Dimensions: 6 1/4" x 11 3/8" x 2 1/16" (W x H x D)
Weight 3.3 pounds w/batteries

Review in "Radio Receiver Chance or Choice"
by Rainer Lichte



Dust Cover
\$12.95 (+\$3)

Travel Case ii
\$44.95 (+\$4)



WHAT IS SYNCHRONOUS DETECTION?

Synchronous detection is an ingenious method of processing an AM signal to improve audio quality and reduce interference from adjacent stations. An AM carrier consists of a carrier and two identical sidebands. In layman's terms, the sidebands are what carry the information (voices, music, whatever), while the carrier is what the receiver uses to 'detect' the information. Under typical conditions that occur on the shortwave bands, the carrier is subject to distortion and other forms of interference. This leads to a degradation in the quality of the received signal. The Sony 2010's synchronous detector alleviates this carrier distortion by phase-locking the signal's own carrier, suppressing it, and re-injecting another carrier that is generated by the radio itself. The new carrier is not travelling thousands of miles through the Earth's rather unsettling geomagnetic field, and therefore much better reception is achieved. In addition, the user is able to choose the better of the two sidebands. Although they are identical when they start out, one sideband will almost always be better than the other by the time they reach your antenna. Synchronous detection makes the Sony ICF-2010 the most advanced portable today; a small receiver with big performance!

SONY ICF-SW77

New and Improved!

The SONY ICF-SW77 has incorporated all the wonderful features of the ICF-2010 (such as synchronous detection) with all the neat "name that station" functions and memory capacity that makes this set a breeze to use. Sony has even factory-set 100 memories for you.

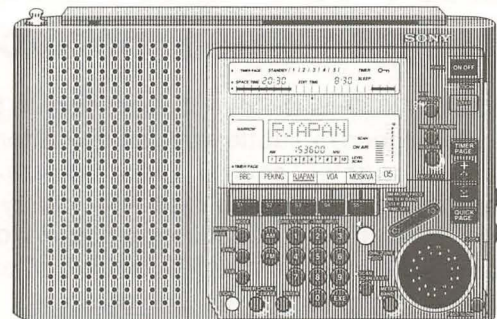
MORE SENSITIVITY **ECSS TUNING**

Newly issued (after a two-month recall), the ICF-SW77 has all the features needed for the just beginning SWL to the most advanced. PLL synthesized tuning, coverage from 150 - 30 MHz, both push-button and tuning dial entry of frequency. The 100 factory-set memories and time of transmission can be changed at will -- and there are 162 memories in all, 24-hour clocks, timer, and 50 Hz tuning.

Sony's solid well-built construction is evident in this latest portable even though the lines are rounded and sleek with styling. No compromises were made to give the owner the feeling of opulence and total convenience in a mid-sized piece of equipment with a battle-ship grey coloring and smooth rounded buttons. The flip-up stand raises the receiver to just the right angle to punch in frequencies or memories and the window for the LCD display is satisfyingly large. Full rich audio. **GILFER Travel Case \$44.95 (+\$4)**

Order #G01 500

For receiver: Order #S05 177



GILFER PRICE: \$464.95 (+\$10)

SPECIFICATIONS

Frequency range 150 kHz - 30 MHz (LW/MW/SW), 76-108 MHz (FM - stereo with headphones)
 Modes: AM, USB, LSB . Synchronous detection.
 Power requirements: 4 C-cells lasting approximately 14 hrs. , or supplied 120 VAC/6 VDC converter
 Dimensions: 10 1/8 "W x 6 7/8"H x 1 7/8 "D
 Weight: 3 1/2 . pounds w/batteries
 Memories: 162 memories with 100 pre-set at factory. All memories may be changed at wil by the user at will.
 Timer: 5-event
 Clock: 24 -hour

SONY ICF-SW55

Minificent Obsession

The SONY ICF-SW55 is an example of how SONY has reduced the size of their equipment and still, amazingly, has managed.to put more and more features into a smaller and smaller box. The features are the ones everyone *says* they can do without, but nonetheless *wants* as soon as they see the features in action. Just try it, hands one, for ten minutes and this set will be *your obsession*.

The Sony ICF-SW55 has caught the imagination of plane travelers that want a compact, up-to-date, good-sounding portable radio. In spite of the odd, slot-shaped speaker in this set, the audio is clear and better than one might be led to expect from first sight. The ease with which stations can be memorized, tend to lead the user into catching, and holding, rare DX finds with professional expertise. Perhaps DX'ing shouldn't be that easy! Memory contains 25 pages with 5 frequencies per page (some factory set to get you started). Record with optional **Sony TCM-38V \$99.95 (+\$3)**

Order #S05 308

To order receiver: Order #S05 155.



GILFER PRICE: \$369.95 (+\$6)

SPECIFICATIONS

Coverage: : AM, FM,(stereo-headset), USB/LSB
 Power requirements: 4 AA batteries lasting approximately nine hours, or an AC power adaptor is supplied.
 Dimensions: 7 3/4" W x 5" H x 1 9/16" D
 Weight: 2. pounds with batteries
 Memories: 125 memories on 25 "pages" Name your own pages. Some memories and names have been pre-set at factory but may be change by the user.
 Timer/Sleep function Two clocks with world map

PORTABLES

SONY ICF-SW7600 PLL synthesized portable

The ICF-SW7600 is the direct successor to the famous ICF-2003, redesigned in subtle ways for even more ease of operation and a "brighter" sound. The small size of this receiver is amazing considering its excellent quality. Good value for the traveler and the casual listener. Single sideband capabilities as well as stereo in the FM section. Consider this for a gift with a "right value" for the money.

Frequency coverage: 150 - 29995 kHz, plus 76 - 108 MHz FM BFO for SSB reception. * 10 instant recall memory channels 24-hour clock with timer and sleep functions * External antenna input with AN-61 roll-up wire antenna included * AC power supply included (not optional as on previous model) * Snug carrying case Display light for nighttime listening that shuts off automatically. Order #S05 176.



GILFER PRICE: \$219.95 (+\$6)
List Price: \$249.95

SONY ICF-SW1 Businessman's Delight

A marvel of engineering, the SW1 is the smallest PLL synthesized shortwave radio on Earth. Alone, it will fit in a shirt pocket. With the included active antenna, multi-voltage power supply and stereo headphones, the whole system packs nicely into the supplied hard plastic travel case. A fantastic package for the traveling SWL.

Frequency coverage: 150 kHz to 30 MHz (AM), plus 88 to 108 MHz (FM) * Direct-entry keypad tuning, plus up/down buttons tune in 5 kHz steps (on SW bands; 9 or 10 kHz on MW) * Stereo FM reception with supplied headphones * Clock/Timer built in * No options: everything included for a single price! Order S05 101



GILFER PRICE: \$289.95 (+\$7)
List Price: \$349.95

SONY ICF-SW20 Analog mini-portable

Following in the footsteps of its predecessor, the ICF-4920, this newer portable from Sony is ideal for those who want to be able to tap the SW bands for up to date news, without lugging around a unnecessarily large receiver. It is undoubtedly the best receiver for its size.

As always you can depend on Sony making a sturdy product -- even in this tiny package. When you're away from home, you won't find a better choice if you want analog dial with a choice of bands. The price is right for yourself, or for a gift to someone taking off on a quick getaway. The SW20 includes: * 9 bands: 49, 41, 31, 25, 19, 16 & 13 meters, plus MW & FM * Dual superheterodyne receiving system * 2-way tone control * 2-3/5" speaker * Powered by 2 AA-cells * Includes soft case and earphones * Size: 4-3/8" W x 2-3/4" H x 1" D Order S05 120



GILFER PRICE: \$89.95 (+5)
List Price: \$99.95

Panasonic RF-B65

World class travel portable

The Panasonic RF-B65 features five different tuning mechanisms: 1) 36 memory presets. 2) Direct-access keypad tuning—enter stations like you were using a touch-tone telephone. 3) Meter-band direct access keypad tuning—call up any of the ten bands, or “regions,” where the shortwave broadcasters can be found, scan through them individually to see what’s on. 4) Up/Down manual tuning—quickly scan parts of a band. 5) Tuning knob—for precise 1 kHz tuning steps or leisurely band-scanning.

Other features include: *BFO tuning for single-sideband Ham and utility stations *Double clock/timer; Set one clock for local time, the other for 24-hour Universal time; or set them any way you like * Sleep/Standby: Drift off to sleep, knowing that your Panasonic will turn itself off...and turn itself back on when you want to wake up. Coverage: Longwave/Mediumwave/Shortwave, 153 kHz - 29,999 kHz continuous. FM 88.1-107.9 MHz.

For receiver - Order #P02 165
For Power supply option, RP-63 \$10.95 Order #P02 365.



GILFER PRICE: \$229.95 (+\$6)

List Price: \$279.95

Panasonic RF-B45

New and Tempting

A new offering -- the RF-B45 supplies more than its small price would suggest. Starting with the preferred dual conversion, it goes on to supply a fine tuning knob (always a help) and even single-sideband reception.

* Covers: LW (146-288 kHz), MW (522-1611 kHz), SW (1611-29995 kHz continuous), and FM 87.5-108 MHz)

*Digital entry/band entry *Medium wave both 9/10 kHz available * 18 memories * Attenuator * Clock/ Timer/ Alarm

* Stereo if using headphones * Power: 4 AA cells or supplied AC Adaptor *On/off light shows when set is in use. Size:

8 1/2" H x 4 3/4" W x 1 1/2" D * Weight: 12 Oz. with batteries.

Order #P02 145



GILFER PRICE: \$169.95 (+\$6)

List Price: \$189.95

Best Value Award -- WRTH, 1992 Edition

SONY AN-1

Inexpensive Antenna Compatible to all

Sony's and most other portables

The choice of antenna for many who own a Sony (or Panasonic) portable is the Sony AN-1. The AN-1 is an active (powered) antenna has the advantage of being able to work either on 6 AA cell batteries or an optional 9 VDC power adaptor.

Use indoors/outdoors *Covers from .15 - 30MHz *Coaxial cable (approximately 20 ft. * Whip telescoping to 5 feet. For optional AC Adaptor AC-930 \$34.95 (+3) Order #S05 230.

For AN-1 Antenna, Order #S05 201

GILFER PRICE: \$89.95 (+\$5)

BATTERIES

Need batteries for your receiver/antenna/handheld? GILFER will be glad to send them along when you order your equipment so that everything is ready to go when you open your package.

Order AA \$.75 each (4 to a box)

C- \$1.50 each

FNB-12 (12 volt Yaesu) \$45.95

PB-1 (12 volt Kenwood) \$69.95

BP-7S (7.2 volt Icom) \$69.95

BP-8S (9.6 volt Icom) \$61.95

Ask your salesperson for these items when you order by phone, or add them to the order form on page 31.

PORTABLES

Grundig Satellit 500

Newest hi-tech portable

* Frequency coverage: 148 - 353 kHz (LW), 510 - 1620 (MW), 1.6 - 30 MHz (SW) and 87.5 - 108 MHz (FM) * 42 memory channels * Selectable USB and LSB for amateur and utility monitoring * Synchronous AM detection improves reception on crowded bands and helps combat the effects of signal fading * Wide/Narrow bandwidths * Direct-entry digital tuning with multi-function LCD display * Dual clock with timer * Telescoping and ferrite antennas plus external antenna connector * Power requirements: 110-127/220-240 VAC, 50/60 Hz; 4 D-Cells (6 VDC); built-in NiCad accu-charger; external DC supply (10-16 VDC) * Size: 12"W x 7"H x 3"D * Weight: 4 lbs Order #G01 105



GILFER PRICE: \$469.95 (+\$8)

List Price: \$499.00

Grundig Antenna Connector - for your connection problems Order G01 200 \$10.95 (+\$3)

Grundig Satellit 650

German engineering

One of our largest (almost 19 lbs.) receivers, and the one with the best sound quality, the Satellit 650 is a receiver that the program listener should certainly consider.

* Keypad entry, as well as manual tuning * 60 memory channels (32 are dedicated to shortwave) * Automatic pre-selector * Clock-timer-calendar * LCD frequency display * Continuous tuning from 150 kHz to 30 MHz; FM coverage from 88 - 108 MHz * Three bandwidths: * BFO for sideband demodulation Size: 19 3/4"W x 9 1/2"H x 8"D. Optional NiCad battery pack (\$49.95 + \$4) Order #G01 222. For receiver Order #G01 165



GILFER PRICE: \$929.95 (+\$15)

List Price: \$1019.95

Grundig Satellit 700

Coming soon -- Call for price/availability

Grundig Traveller II

Travel the World on a Budget

The new 5-band receiver from Grundig features AM and FM reception plus a travel alarm. This analog mighty mite can be a budget entertainment center for the traveller or the cost conscious stay-at-home.

*Five bands 19, 25, 31, 41, 49 Meters *AM, FM, *Digital quartz alarm clock (wake to either the radio or a beep) *Telescoping Antenna *Ear phone included *Leatherette case *World Time Selector Switch *Instruction booklet on shortwave fundamentals. *Easy to use. Size: 3 3/4"H x 5 1/2"W x 1 1/4"D One year warranty. Order #G01 102



GILFER PRICE: \$99.95 (+\$4)

List Price: \$109.95.00

VHF/UHF RECEIVERS

ICOM IC-R7000

Top of the line VHF/UHF

.....
Icom's IC-R7000 is the most advanced VHF/UHF all-mode receiver available to the radio enthusiast. A perfect choice for monitoring distant signals on the high bands: police, ambulance, fire, amateur, marine and satellite communications are at your fingertips. Chosen by government agencies for its comprehensiveness, performance and ease of use.
.....

* Frequency coverage is an incredible 25 MHz to 2 GHz (with a small gap between 1000 and 1025 MHz -- performance guaranteed to 1.3 GHz) * Microprocessor control allows direct entry of frequency and mode * 99 memory channels * 6 different scanning modes: Program Scan, Mode Scan, Priority Scan, Selected Memory Scan, Auto Write Scan and All Memory Scan * computer interface port built-in * 10.7 MHz IF output * 50 ohm N-Type antenna input * selectable tuning steps of .1, 1, 5, 10, 12.5 and 25 MHz * Modes: AM, FM Wide/ Narrow and USB/LSB

R7000 SPECIFICATIONS:

Frequency Range: 25 MHz to 2 GHz, except no coverage from 1000 - 1025 MHz. Manufacturer guarantees reception up to 1300 MHz.
Tuning Control: Digital PLL synthesizer with CPU control and 100 Hz fluorescent display.
Modes: AM, USB, LSB, FM Wide and FM Narrow
Sensitivity: FM less than 0.5 uV for 12dB SINAD. AM less than 1.0 uV for 10dB SINAD. SSB less than 0.5 uV for 10dB SINAD
Selectivity: FM Wide 15 or 150 kHz. FM Narrow 6 or 15 kHz. AM 15 kHz. SSB 2.8 kHz.
Image Rejection: 60 dB or moe. Nominal antenna impedance: 50 Ohms (N-Type connector) For receiver, Order #I02 170



GILFER PRICE: \$1019.95 (+\$15)

List Price: \$1199.95

R7000 OPTIONS:

* **RC-12 Remote Control** (66.95 + \$3) for the control of your R7000 from afar. * **CK-70 DC Cable Kit** (\$12.95 + \$3) allows for 12 VDC operation. * **TV-R7000 Video Adapter** (\$129.95 + \$5) enables reception of NTSC and Amateur Fast-Scan television. Requires color or monochrome composite monitor * **AH-7000 Discone Antenna** (\$99.95 + \$6) covers 25 - 1300 MHz, and transmits on 50, 144, 220, 430, 900 & 1300 MHz Amateur bands * **SP-3 External Speaker** (\$63.95 + \$5). Same color and style as R7000 looks and sounds great. Includes cable * **MB-12 Mobile Mounting Bracket** (\$24.95 + \$4) for mobile installations * **EX-310 Voice Synthesizer** (\$59.95 + \$3) verbally indicates operating frequency * **Dust cover** (\$8.95 +\$2) *

ICOM R-7100

To improve your abilities even more -- and get the 1000-1025 gap (missing in the R-7000) plus 900 memories, you need the R-7100 priced around \$1150. Call.

ICOM R-1

General Coverage

Imagine, a handheld with coverage from 100kHz to 1300 MHz continuous with 100 programmable channels. Most people comment, "I can't believe how tiny this really is -- it's amazing - it fits right in my pocket."

All modes: AM, FM Wide/Narrow * Scan 20 channels per second using frequency limits or priority frequencies * Lighted LCD display * Keypad entry with fine tuning (RIT) * Clock/timer * Comes with rubber ducky antenna (detachable) * S marking * BNC antenna connector * Power by internal nicad (using supplied charger or by optional power pack **BP-84 \$75.00 (+\$4)** Order #I02 284 * Dimensions: 2" W x 4" H x 3/4" D * Weight 8 oz. For receiver Order #I02 101



GILFER PRICE: \$479.95 (+\$6)

List Price: \$699.95

Fits optional soft "Pouch" Size S/S \$14.95 (+\$3.)

SCANNERS

AOR AR-1000 XLT New - Extended Coverage

The new AR-1000 handheld scanner is compact, continuous coverage, has digital tuning with a manual tuning knob, a backlit LCD display, 10 scan banks and 10 search banks, an antenna attenuator switch- 10 db, earphone jack and more. Order #A01 100.

Specifications:

Coverage: 500kHz - 1300 MHz
Sensitivity: .35uV NFM, 1.0uV WFM, 1.0AM
Speed: 20 ch/sec scan, 40ch/sec search
Increments: 5 to 955kHz selectable/5 or 12.5 steps
Audio: .4 watts
Power Input 9-13.8 VDC
Antenna: BNC
Size: 7" H x 1 3/4"D x 2 1/2"W
Wt: 12 oz.



Two year warranty

**GILFER
PRICE \$409.95 (+\$6)**

AOR AR-950 Table top bargain

The unrestricted 800 Mhz coverage of this small table top scanner is only part of the appeal. There are 100 channels of permanent memory, an earphone jack, delay and hold features and a channel 1 priority. With 5 scan bands and 5 search banks, two antennas, AC/DC power cord. Order #A05 195.



Specifications

Coverage: 27-54, 108-174, 406-512, 830-950 MHz
Sensitivity: .4uV Lo,Hi, .8uV Air .5uV UHF, 1.0 uV 800
Scan speed: 15 ch/sec Increments: 10, 12.5, 25, 30
Audio 1 Watt Power 12.8 VDC, 200 MA
Antenna BNC Display: LCD backlit
Size: 2 1/4"H x 5. 5/8"W x 6 1/2"D
Weight: 14 oz.

See scanner frequency lists, page 8 this catalog

GILFER PRICE \$249.95 (+\$5.)

AOR AR-3000 High-End Table Top

The AR-3000 is very compact, has continuous coverage, digital tuning with a manual tuning knob, tuning increments down to 50 Hz., a backlit LCD display, 4 priority channels plus 4 scan and search bands and lockout in search. Even sleep/alarm.. Order #A05 103



Specifications:

Modes: AM, FM, wide band FM, LSB, USB, CW
Coverage: 100kHz - 2036 MHz
Sensitivity: .35uV NFM, 1.0uV WFM, 1.0 AM/SSB/CW
Speed: 20 ch/sec scan, 20 ch/sec search
Increments: 50 Hz & greater Audio 1.2 Watts at 4 ohms
Power: Input 13.8 VDC 500 mA Antenna: BNC
Dimensions: 3"H x 5"W x 7 7/8"D Wt. 2 lb. 10 oz.

GILFER PRICE \$995.95 (+\$8)

AOR AR-2500 Mid-Range Table Top

The standard features of the AR-2500 include: continuous coverage, AM, FM, wide-band FM, BFO for SSB and CW, 64 scan bands, 16 search banks, built-in RS232 port, AC/DC power cord, antenna and mounting bracket. Coverage: 1 MHz - 1500 MHz. Order #A05 125



Specifications

Modes: AM, FM wide/narrow, SSB, CW
Sensitivity: .35uV NFM, 1.0uV WFM, 1.0 AM/SSB/CW
Speed: 38 ch/sec scan 38 ch/sec search
Increments: 5, 12, 5, 25 kHz Audio: 1.2 Watts at 4 ohms
Power: Input 13.8 VDC 300 mA Antenna: BNC
Display: LCD backlit Weight: 1 lb.
Dimensions: 2 1/4"H x 5 5/8"W x 6 1/2" D

Limited warranties are one year with an extended 2 year available on AR-1000 XLT

GILFER PRICE \$469.95 (+\$5)

ACTIVE ANTENNAS

DRESSLER ARA-60

Our best selling indoor/outdoor model

The ara-60 is ideal for those who are reluctant to install a huge antenna farm but need the performance of a sophisticated antenna system. Only 37 inches tall, the ara 60 is not identifiable as an "antenna" when mounted on the roof. The ara-60 is small enough to mount behind a drapery in the living room or bedroom (no spider web of wires). Performs well with NRD-535 or the Drake R-8 receivers, and here's why --

The antenna unit itself is constructed from high-quality aluminum and fiberglass and contains all of the electronics. The antenna rod feeds the received signal to a low-noise FET which acts as an impedance transformer. Additional gain is achieved by a push-pull amplifier stage working with noiseless negative feedback. The result is 10 dB gain from 200 kHz to 30 MHz, with additional limited performance up to 100 MHz. Powered by a 18 VDC adapter (included) through a coupling box which routes the DC up the coaxial cable to the antenna, while filtering the DC out before sending the amplified signal to the receiver.

Mounting hardware 25 ft. of RG-58U coax, and power supply is provided, as is terminating connector-, PL-259. Additional coax can be ordered."The most important measurement on an active antenna is the level of intermodulation ...this is an excellent figure" World Radio TV Handbook, 1992.

Order #D04 260.



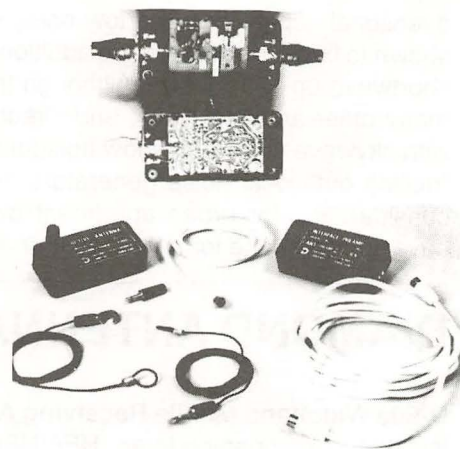
GILFER PRICE \$199.95 (+\$10)

Review in "World Radio TV Handbook, " 1992 Edition

DATONG AD-270 (Indoors)

An excellent choice antenna for the SWL on the go. The AD-270 consists of two boxes (each about the size of a deck of cards), two 5 ft. wire elements, plus one long and one short length of coaxial cable with a quick-disconnect Belling-Lee plugs. These parts assemble quickly into an antenna that delivers dazzling performance for any type of HF receiving application with overall gain of 12 dB. An attenuator switch is provided to alleviate overloading by strong signals. The response is broadband, and therefore no tuning or adjustment is required when changing frequency. The excellent balance and constant output impedance matching minimizes interference pick-up and dropouts. The dipole configuration gives a choice of polarization and some directionality, as well as eliminating the need for ground plane or earth connection. The AD-270 is perfect for portables such as the Sony ICF-2010, Grundig 500 or 700, Sony ICF-SW77 etc, (and fits nicely into the GILFER Travel Case). Take the time to find the best spot for this antenna. Requires 12 volt power.

For antenna order #D02 227 --
Optional power 12 VDC supply, *Made in USA* (\$17.95) . Order #D01 312



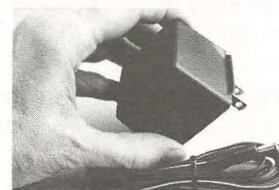
GILFER PRICE \$109.95 (+\$5)

DATONG AD-370 (Outdoors)

The AD-370 is manufactured with the same electronic circuitry as the AD-270 shown above. However, the AD-370 is made with stainless steel elements on either side of the waterproof head unit. Each of the elements is almost 5 ft in length. The entire antenna is very discreet in appearance and can be mounted outside a window or on a balcony. Requires 12 VDC power. Optional power supply offered by GILFER and *Made in USA* has low noise. Optional power 12 VDC \$17.95. Order #D01312. Specify type of connector you require is other than bare wire. For antenna order #D02 237.

GILFER PRICE \$134.95(+\$6)

GILFER POWER SUPPLY



**Reduce the hum with quality
*Made in USA***

ACTIVE ANTENNAS

McKAY DYMEK DA-100D

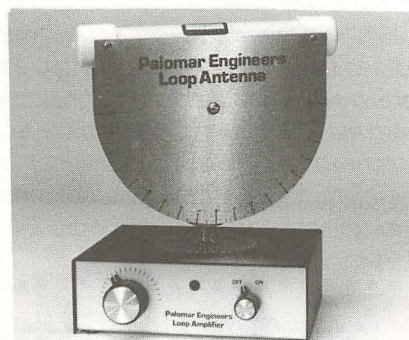
Just 4' 8" tall, weatherproof, and hard to beat the performance of this antenna in the 500 kHz to 30 MHz range. Indoor control unit supplies power (117/230 VAC, or 12 VDC) and allows user to select impedance to match that of the receiver's antenna input. Two-step attenuation (0 dB, 10dB or 20 dB) provided. Includes 50 ft. coaxial cable. Please specify type of connector when ordering. Order #S07200 **GILFER PRICE \$179.95 (+\$6)**

Marine version DA-100DM with fiberglass rod available by special order only.
GILFER PRICE \$228.95 + (\$8)



PALOMAR LOOP SYSTEM Kitchen-table DX

Loop antennas have long been prized by medium-wave DXers for their low noise factor and highly directional qualities. Palomar Engineer has designed an all-purpose system using a series of loops, an amplifier, and a coupler, which serves as a versatile answer for limited space all-band performance. The three VLF/longwave loops are the most efficient antennas for reception below 540 kHz -- except perhaps for very long wires which are impractical for most of us. On the MW broadcast band, too, the directional capabilities and low noise factor of this design are shown to find advantage. Two additional loops are available for shortwave up to 15 MHz. Although the gain is less than with many other antenna types, and directionality is less apparent with skywave signals, the low noise factor and the possibility of "nulling out" local noise generators make these a worthwhile consideration for urban apartment dwellers or others who have limited space for antennas. For amplifier Order #P01 200



LA-1 Loop Amplifier - - - \$99.95 (+5)

Omega loop (10-40 kHz)
WWVB loop (40-150 kHz)
LF loop (150-550 kHz) **Each loop \$89.95 (+\$3)**
BCB loop (550-1600 kHz)
160/80 loop (1600-5000 kHz)
HF-1 loop (5000-15,000 kHz)
LC-1 coupler (for receivers without inputs for external antennas) - - - \$49.95

DIAMOND ANTENNAS

D-505 Wideband Mobile Receiving Antenna from Diamond is the perfect companion to an HF/VHF/UHF mobile installation. Frequency coverage from 500 kHz to 1500 MHz with 20 dB maximum gain. Overall length 29.1" Your choice of trunk lid mounting or magnetic mounting. Order #R01 205 **\$119.95.**

D-707 Receiving Antenna same as above only a base antenna rather than mobile. Order #R01 207 **\$169.95.**

D-130J is a discone antenna (looking like the framework of an umbrella, it works to send/receive VHF/UHF Order #R01 113 **\$89.95 .**

X-200 Dual-band Vertical Antenna Order #R01 220 **\$154.95(+\$5)**

DP-SPM35/5D is a magmount of such sturdy size that it weighs in at ten pounds! Just be sure you put this baby where you want it the first time round. Order #R01 235 **\$38.95 (+\$8)**

L600M (trunk mount) Order #R01206 **\$59.95 (+\$3).**

K-400M (gutter mount) Order #R01 204 **\$73.95 (+\$3).**

NR-770H (dual-band radioless) Order #R01 277 **\$54.95**

NR-770HN (dual-band antenna) Order #R01 279 **\$59.95**

X-200 (dual-band vertical) Order #R01 220 **\$154.95**

X-500 (dual-band vertical) Order #R01 250 **\$209.95**

RH-77 Scanner antenna Order #R01 287 **\$32.95**

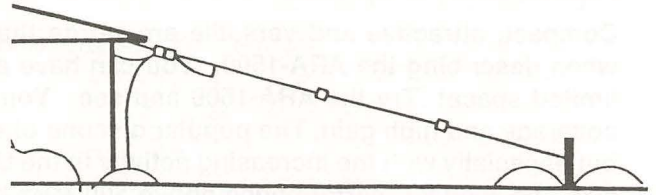
CM-2 Clip-on antenna mount Order #R01 222 **\$17.95**

Check shipping price on antennas (between \$3-\$5) at time of shipping.

PASSIVE ANTENNAS

DX-SWL Sloper by Alpha Delta

A fine all-purpose antenna for mediumwave and shortwave, the Sloper requires only one single elevated support 25' or higher (a tree, mast, chimney, or wall) and can be mounted at any convenient angle of 60 degrees or less. A single 50-ohm feed point at the apex, with a UHF-type connector (provided on the mounting bracket) can be easily connected to your 50-ohm coax cable. The Sloper utilizes broadband low-Q choke resonators for multi-band frequency selection, and is efficient from 500 kHz to 22 MHz. It is built with heavy-duty transmitting-quality components, comes fully assembled, requires no adjustment, and is made with stainless steel hardware for maximum life under any conditions. Order #A02 277.



GILFER PRICE \$67.95 (+\$5)

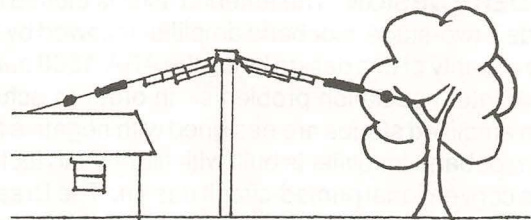
DX-SWL-S Short Sloper

A shorter (40 ft.) version of the popular DX-SWL Sloper, as described above. While not as sensitive on frequencies below 3.5 MHz as the full Sloper, it is built to Alpha Delta's exacting standards, and is a good choice for DXers with space limitations. Order #A02 278.

GILFER PRICE \$59.95 (+\$5)

DXCC Dipole

Alpha Delta's DXCC dipole antenna is designed for **transmitting and receiving** on the 80 through 10 Meter amateur bands, but it is one of the most impressive antennas we've found for general coverage shortwave reception, too. Unlike normal trap dipoles, the DXCC's resonant coils provide multi-band capabilities without the loss and narrow bandwidth normally associated with LC traps. Overall length of the antenna is 82 ft.. (For coax cable, see page 27.)



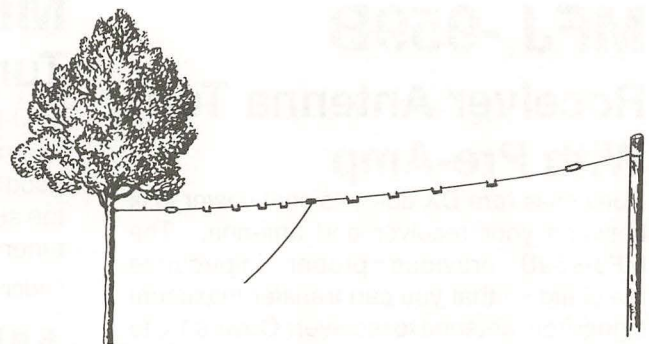
GILFER PRICE \$89.95 (+\$6)

DXEE (only 40ft. no 80 M band) \$84.95 (+\$6)

Eavesdropper by Antenna Supermarket

A durable 14-gauge multi-band antenna which can be used either outdoors or in your attic, the Eavesdropper is effective from 4 to 26 MHz, and its balanced input minimizes local noise pickup. The eight carefully assembled and individually resonated trap circuits automatically "zero in" on the band. The kit includes 50' of 450 pound test nylon support rope and Zap Trap lightning arrestor. Completely assembled, ready for your RG-58 or RG-59 coax cable. Order #A04 200. (For coax cable, see page 27.)

GILFER PRICE \$74.95 (+\$6)



Inverted "L" Antenna

A passive antenna which is optimized when used with a tuner (i.e. MFJ-956). It is also a handy, high quality material antenna for the experimenter. The package contains 50' of 7-22 stranded 14-gauge copper wire; 75' of 7-22 stranded, insulated 14-gauge lead-in; 40' of 450-pound test nylon support rope; 2 strain insulators; 2 nail-knob insulators; & a crimp-on hook lug.

GILFER PRICE \$24.95 (+\$4)

Skywaves WAS-50

WAS-50 is a 50 ft. horizontal antenna, center fed, via a "V" matching section, and a 300-ohm balanced transmission line. A proprietary frequency-sensitive coupling device causes the antenna to appear to the receiver as a quasi-aperiodic doublet at frequencies above 5.5 MHz and as a top-loaded vertical below 5.5 MHz. The 75-ohm output of the coupler is by way of a type-F coax connector.

GILFER PRICE \$79.95 (+\$6)

ACCESSORIES

DRESSLER ARA-1500

New concept in VHF/UHF antennas

Compact, attractive and versatile are words that come quickly to mind when describing the ARA-1500. You can have an effective antenna in a limited space! Try the ARA-1500 and see. You will get wide-frequency coverage and high gain. The popular discone offers proven performance, but especially with the increasing activity in the UHF bands, the discone's size and reduced performance above 500 MHz have caused the serious scanner enthusiasts to look for an alternative. Try this with your R-7000.

COMPACTNESS: The ARA-1500 is 20" long, less than 4" in diameter, and, in its attractive fiberglass casing, can be mounted indoor or out without soliciting undue attention. When mounted vertically, it is waterproof and vertically polarized to minimize interference from powerful nearby TV and FM radio stations.

WIDEBAND GAIN: The ARA-1500 offers gain of 11-16 dB throughout the range of 50-1500 MHz, with reduced (though still significant) gain above and below. Compared to other configurations, this is such a high gain that it compensates for deficiencies in sensitivity that some receivers have and makes it possible to use up to 100 ft of coax without suffering excessive signal loss.

MODERN DESIGN: The antenna itself is etched on a printed circuit board which feeds a two-stage wideband amplifier followed by a matching and balun network. The linearity of this design helps the ARA-1500 handle high signals levels and still avoid intermodulation problems. In order to achieve this level of performance, both amplified stages are designed with negative feedback RF transformers, and the wideband amplifier is built with film-hybrid technology which is more versatile than conventional printed-circuit design. The Dressler ARA-1500 comes read-to-use with 12VDC power supply, mounting brackets, 25" of RG-58U coaxial cable, and N-type connectors (for other connectors or adapters and prices, see page 25 in this catalog). Order #D04 215.



GILFER PRICE \$199.95 (+\$10)

MFJ -959B

Receiver Antenna Tuner With Pre-Amp

Don't miss rare DX due to signal power loss between your receiver and antenna. The MFJ-959B provides proper impedance matching so that you can transfer maximum signal from antenna to receiver. Covers 1.6 to 30 MHz. 20 dB preamp with gain control boosts weak stations. 20 dB attenuator prevents overload. Select from 2 antennas, 2 receivers.

Size: 9 x 2 x 6" Use 9-18 VDC. Adjustments may be made on gain; induction; antenna; and receivers. Order #M03359.

GILFER PRICE: \$89.95 (+\$5)

MFJ -956

Tuner for LW/MW/SW

MFJ-956 lets you boost your favorite stations while rejecting images, intermod and other phantom signals from 1.5 to 30MHz. Especially good below 12MHz. This tuner is a passive device and does not amplify the signal electrically (as does the MJF-959B shown on the left). Has tuner bypass and ground receiver positions. Size: 2 x 3 x 4 "

Order #M03 356

GILFER PRICE \$39.95 (+\$4)

MFJ -16010

Random Wire Tuner

Operate all bands -- anywhere with any transceiver -- using a random wire and an antenna tuner small enough to carry in your hip pocket. Size 2"x 3" x 2" Handles up to 200 watts PEP output. Match high and low impedances by interchanging input and output. Has SO-239 connectors. Order #M03 316..

GILFER PRICE \$39.95 (+\$4)

DATONG FL-3



GILFER PRICE: \$259.95 (+\$5)

Unquestionably the best audio filter on the market today. Features fully automatic notch filter for "hands off" removal of tune-up whistles, carriers and other steady tone interference. Independent low-pass and high-pass filters with very steep cut-off for removing "monkey chatter" and other off-tune interference from SSB or AM signals. Both filters tune continuously from 200 to 3500 Hz. A second manually-operated notch filter tunes from 200 to 3500 Hz; this can be used in conjunction with the automatic filter to help clear your way through pileups or other crowded DX conditions. For speech (AM) reception, all four filters work independently, allowing you to isolate the rare catch in the tropical or international bands. A special tuning mode for CW and RTTY combines the low-pass, high-pass, and peak-notch filters into a single 12-pole filter with superb skirt selectivity and with non-interacting controls for center frequency/bandwidth. **IN ACTION:** The automatic notch filter tirelessly scans the receiver's audio output, locking on a tune-up whistle or wandering heterodyne and putting it out of earshot within seconds. If the tone changes in frequency, the auto-notch follows it around. Meanwhile, a SSB station starts up 2 kHz below you. Simply tune the high-pass filter until the QRM is gone. Then, perhaps, a teleprinter starts up 300 Hz above your carrier frequency: a touch on the low-pass filter cures that in an instant. And, just to bring a final touch of aggravation to your life, a second whistle appears: your auto-notch is busy, so tune the manual notch until you don't hear the whistle anymore.

Order #D02 203

HOW IT WORKS. The auto-notch filter uses a voltage-tuned notch filter in a phase lock loop (PLL) system. The low-and high-pass filters both use five-pole elliptic-function filters to give the steepest practicable rate of cutoff. The manual notch is a separate two-pole filter. Tuning is by linear voltage control: precision tracking between the three filters allows them to be used together or independently, determined by the various operating modes. The F-3 requires a 12-volt adaptor. Use your own, or order the GILFER *Made in the USA* adaptor, Order #D01 312 **\$17.95** (no shipping charge if ordered with FL-3 audio filter).

Specifications

Auto Notch

Tuning range: 200-3500 Hz
Notch Depth: 40 dBs
Filter Q: 10

Low/High Pass Filters

Type: Five-Pole elliptic function
Frequency Range: 200-3500 Hz

Minimum stop band rejection: 40 dBs

General:

Power: 10-15 VDC, 400 mA max.
Size 7.2" W x 6"D x 1.7"H

LIGHTNING PROTECTION



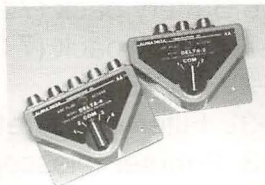
Protect your investments, your home and your life from lightning with the Alpha Delta "Transi-Trap".

Simply connect in-line between your coaxial fed antenna and radio, and

connect to proper ground rod (not included). Special replaceable gas cartridge changes a 10K ohm impedance to a few milliohms in less than 100 nanoseconds to ground impulses before the damage is done.

GILFER PRICE \$29.95 (+\$3). Short cable (18") for connecting to receiver available for \$6 extra. Also available with "N" connectors for \$39.95.

.....
For multi-radio or multi-antenna installations, we recommend Alpha Delta's "Delta 4" coaxial switch. Includes the same gas cartridge protection as the Transi-Trap, plus 4-way switching with excellent isolation and power handling capabilities. Great for hams and SWLs. **GILFER PRICE \$74.95 (+\$5).** For only two antennas choose Delta-2 \$49.95 (+\$3), or "N" - type connectors available \$64.95 (+\$5).



COAXIAL CABLE AND CONNECTORS

GILFER offers the highest quality coaxial cable and connectors. We stock **Belden 8240 / RG-58U**. Prices for pre-cut lengths (including two PL-259 connectors):

25 ft. - \$9.75 (+\$4)	75 ft. - \$22.25 (+\$5)
50 ft. - \$16.00 (+\$4)	100 ft. - \$28.50 (+\$5)

Various RF connectors and adapters are available from GILFER., including:

PL-259 (fits RG-8U) - \$1.75 Order #C02 259
PL-259 Teflon/silver - \$2.49 Order #C02 259TS
PL-259 + UG-175 (fits RG-58U) - \$2.25 Order #C02 259P
N-Type (fits RG-58U) - \$4.95 Order #C02 258
BNC (fits RG-58U) - \$3.50 Order #C02 257B
RCA phono plug - \$2.00 Order C02 206
Grundig antenna plug - \$10.95 Order G01 200
UG-255 (SO-239 to BNC adapter) - \$6.50 Order C02 210
UG-83 (N female to PL-259 adapter) - \$7.95 Order C02213
UG-146 (SO-239 to N male) - \$7.95 Order #C02 207
(+ \$3.00 per order. No shipping charges if ordered with any other items)

Other connectors and adapters are available. If you don't see what you need, ask!

HANDHELDS FOR NEW TECH HAMS

Kenwood TH - 77A

Kenwood's great new dual-bander for 144 and 440 MHz. This handheld transceiver solves your needs for a high performance , compact unit that receives on 141-164 MHz and 438-450 MHz, and transmits on the amateur bands only. The TH-77A uses 5 watts when operated on 12VDC or PB-8 battery pack. The transceiver can be modified for MARS and CAP (with permit).

CTCSS encodeand decode_built in, 4 scanning methods, dual watch which allows you to monitor both bands at once. Options for the TH-77A, see list for TH-27. Order #K02 177



Put it in the Pouch (see p 30), Size S \$14.95 (+\$3)

GILFER PRICE \$519.95 (+\$6)

Kenwood TH-27A (144 MHz)

Just get your license? This is the place to start!
Use the TH-27A for Packet!

Kenwood's lower priced handheld transceiverThe TH-27 receives from 136-163 MHz in 5kHz steps. It includes simplex and repeater operationsFOR MARS , CAP and NOAA weather. The 21 memory channels allow storage of frequency, CTCSS, tone status, frequency step, repeater offset steps, and DTSS code and status. In addition, the DTMF memory function allows storage of 4DTMF codes (up to 15 digits) for auto-dial and auto-patch code use. There is a three position power output switch for economical use: remote control speaker microphone (optional); dual tone squelch system; a wide range of battery options (see chart) and much more. Order #K02 127.



Put it in the Pouch (see p 30), Size S/S \$14.95 (+\$3)

GILFER PRICE \$369.95 (+\$5)

OPTIONS:

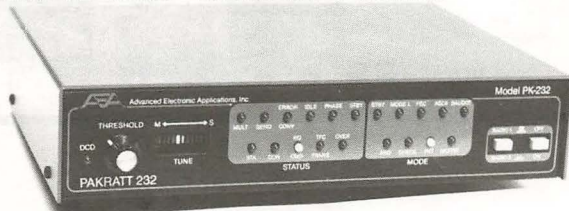
BC-11 Rapid desk charger	\$99.95	PB-6 Battery pack (7.2,600 mAh)	\$51.95
BC-10 Compact desk charger	\$41.95	PB-7 Battery pack (7.2,1100mAh)	\$74.95
BP-12 Nicad 12V/500m.v	\$64.75	PG-2V DC Cable	\$9.95
PB- 6 Battery pack (7.2VDC, 600 mAh)	\$51.95	PG-3E Filtered cigarette lighter cord	\$23.95
PB - 8 Battery (12VDC, 600 mAh)	\$74.95	RA-3 2-meter telescopic antenna	\$19.95
PB- 9 Battery pack (7.2VDC,600 mAh		SMC-31 Speaker microphone with	
built-in charger)	\$59.95	90-degree plug	\$52.95
PB- 5 Battery pack (7.2VDC,	\$49.95	SMC-32 Mini speaker microphone	\$35.95
200 mAh	\$49.95	PS-50 Heavy duty power supply	\$229.95
		PS-52 Heavy duty power supply	\$239.95

ACCESSORIES

AEA Multi-Mode PK-232MBX

SWL'ers & New Hams Monitor More

Your friends can now leave you messages around the clock! Your local full-service BBS can automatically forward your messages directly to you! Ideal for Packet.



Includes RS-232 interface cable to connect to your computer port to produce the most up-to-date and complete amateur digital operating capabilities available today: Morse Code, Baudot, ASCII, AMTOR/SITOR, HF and VHF packet.

The internal modem can transmit packet at rates from 45 to 1200 baud with the option of using an external modem for higher rates up to 9600 baud. The PK-232MBX automatically identifies the signal, then measures speed and polarity. A simple "OK" command switches the unit to the recognized mode and starts the data display. Order #A01 332.

GILFER PRICE: \$319.95 (+\$6)

AEA Morse Machine MM-3 Keyer

You can have speed selection -- You can have memory -- You can have an endlessly patient trainer at your fingertips.



A proficient trainer, the MM-3 allows random code group practice with steadily increasing speed. A random word generator produces four-letter word groups (all legal, guys!) for more realistic practice sessions. With a QSO simulator, it allows you to call stations, answer a CQ or sit back and listen to realistic QSO's much like those on the air. The MM-3 also features automatic serial number insertion and incrementing in any memory message. Adjust speed or program it to repeat a message. Order #A01 303

GILFER PRICE \$174.95

AEA - FAX Multi-intensity grey scale Makes for great WEFAX Hardware/Software

A stand-alone, multi intensity grey scale demodulator & display software package for IBM compatible computers works with or without a PK-232.



There is a small RS-232 connector housing, a 2-conductor shielded audio cable that goes to the speaker output on your receiver. No additional COM port is needed for AEA-FAX.

Software (3 1/2 or 5 1/4" disks) provides on-screen display of images and printer access. Will receive when you are away from the shack, use with/without mouse, menu driven. AEA-FAX is the right way to do grey-scale fax. Order #A01 332

GILFER PRICE \$99.95 (+\$4)

AEA PK-88 HF/VHF dedicated packet.
GILFER PRICE \$169.95 (+\$6)

AEA Software PC Pakratt II Host Software for PK-232 Transmit and Receive

The PC Pakratt program is a split screen terminal program for operation of Morse code, Baudot, ASCII, AMTOR and Packet. Featuring: Help menus, Mouse support, DOS gateway, Full QSO logging feature, Macro key facility, saves PakMail messages to disk. Up to 900 line scroll-back buffer. Order #A01 302

GILFER PRICE \$59.95 (+\$3)

AEA MacRatt

MacRatt with FAX version 2.1 program for the Apple Macintosh makes using AEA PK-232MBX multi-mode and PK-88 packet controllers easier than ever. Includes: Cable for MacPlus etc using min-8 DIN, QuickRead feature, Windows for entering text, status of file and link between TNC and the Mac. FAX is an integral part of the program. Order #A01 321

GILFER PRICE \$69.95 (+\$3)

AEA Hot Rods

HR-1 half-wave 2M	HR-3 150MHz
HR-2 half-wave 220MHz	HR-4 half-wave 440
\$19.00 (+\$3)	

ACCESSORIES

Vectronics VC-300 DLP Antenna Tuner

Fantastic "3 in 1" Tuner.

**Quality craftsmanship, excellent performance
and reasonable price.**

The VC-300 tuner covers from 1.8 to 30 MHz. The cross-needle SWR and power meter make determining the best spot for reception clearly visible. Heavy duty components .300 watts. Built-in dummy load. Baked epoxy paint finish. Lexan reverse printed front panel for a scratch-proof enclosure. The unit measures 8"W x 8"D x 4"H and weighs only 16 oz. One year unconditional warranty. Order #V01 300.



GILFER PRICE \$129.95 (+\$5)

Datong ANF Automatic notch filter

**Compact inexpensive, excellent for helping to monitor
ham and utility sideband transmissions. In the ham
bands it will get rid of the "tuner uppers" that can spoil
your transmission or reception.**

* If you have a receiver/transceiver with passband tuning in the IF stage, all you need is a Datong notch filter to eliminate secondary heterodynes *When activated, the Datong ANF will sweep through the open bandwidth until it finds a tone, whistle, or het and destroy it. Requires 12VDC power supply. An optional high-quality power supply is available *Made in the USA* \$17.95 (+\$4) No shipping charge for power supply when purchased with ANF. Order #D01 344.



GILFER PRICE: \$139.95 (+\$5)

The Pouch

Protect those handhelds & scanners!

The Pouch is made of a jet black nylon and rugged neoprene. It has a foam bumper (which won't fall out) on the bottom. Comes in six different sizes. Buy the pouch when you get your handheld, or if you haven't scratched your current unit, let us know the manufacturer and model number, and we'll supply the right size for you. Don't wait -- look professional and protect your investment all at the same time.

GILFER PRICE \$14.95 - \$16.95

Isobar AC Line Filters

Imagine! Isobar is so sure of their product that they not only guarantee the product, but also will pay for any equipment damage due to a surge, if Isobar has failed!

Isobar IB 2 (two outlets) \$59.95 (+\$4)

Isobar IB 4 (four outlets) \$79.95 (+\$4)

Keyers

Want to get started on CW?

GILFER has an inexpensive Ameco K-4 Telegraph Key for only \$10.95 (+\$3) or the Ameco OCM-2W Code Practice Oscillator for \$24.95 (+\$3). Either will get you started on your way to sending code. For Code Practice Tapes, try the 5-10 Words Per Minute, later the 10-15 WPM, then 13-14 WPM and finally 15-22 WPM -- each only \$10.00(+\$3)

It's been a pleasure serving you!

GILFER POLICIES:

Ordering: Gilfer provides a toll-free phone operator for orders only. For the quickest service, kindly have your credit card ready before calling. Minimum credit card orders are \$20.00, but we would be glad to place any item in short supply on "hold" for 3 days awaiting receipt of check by mail if you do not wish to use a credit card. Mail order can be filled with use of the form below and the accompaniment of a check or money order (no cash). A credit card as back-up will expedite fulfillment of orders using personal checks. Please state clearly that the credit card is for "Back-up Only."

Prices: All prices are subject to change without notice (items & shipping). Phone to get current prices at any time.

Shipping: Gilfer ships by United Parcel Service (UPS) insured for full value. Receivers are double boxed. We are proud that in the State of New Jersey, and at GILFER, we actively participate in recycling. For example, our outer boxes may get a second life (your item is always new unless bought as "used" or "10-day return"). We appreciate the backing of our customers in helping reduce unnecessary waste.

Returns: Books, software and antennas are not returnable. Receivers are returnable with a 15% restocking fee if returned within 10 working days of receipt. Receivers are not returnable after that time. However, upgrading is allowed within 10 working days of receipt with no penalty. If you are doubtful about which receiver or antenna to buy, you may discuss your situation with our sales staff who will be glad to help you come to the correct decision and avoid a costly mistake. We are here to help..

Shipping charges: A single book costs \$3.00 to ship (UPS). Two or any amount more costs only \$4.00 (to save money, order as many books as possible at one time). Some books have additional shipping cost due to their unusual weight -- costs as specified.

Canadian and foreign orders: Please request Pro-Forma invoice if payment is not by credit card.



GILFER SHORTWAVE
52 PARK AVENUE
PARK RIDGE, NJ 07656



Name: _____

Street: _____

City: _____

State & Zip: _____

Phone: _____

Order#	Item Description	Price	Shipping
1.			
2.			
3.			
4.			
5.			
6.			
7.			
8.			

Credit Card # _____

Expiration date: _____

Signature: _____

COST OF ITEMS-----

NJ RESIDENTS ADD 7% _____

SHIPPING/HANDLING _____

ENCLOSED (CHECK/M.O.) _____

AMATEUR RADIO TRANSCEIVERS

Japan Radio Company JST-135HP General Coverage Transceiver

Japan Radio Company's all new JST-135HP HF Amateur transceiver is now available from Gilfer. Includes the most advanced features found on any amateur transceiver today.

* General coverage receiver with frequency range of 100 kHz to 30 MHz * One chip direct digital synthesizer (DDS) IC * Modes: USB, LSB, AM, CW, FSK & FM * Variable tuning system in which the double tuning circuit is continuously controlled by a microprocessor to vary with the received frequencies. The system can substantially attenuate undesired signals and enhance selectivity, compared with the wide-band BPF system with a fixed bandwidth * Output power: 150W * Full- or Semi-break-in CW operation * Most of the printed circuit boards are of complete modular plug in design. Each unit is plugged into the mother board, and employs surface mount components extensively, ensuring uniform quality, enhanced reliability, and no wiring * The combined use of the JST-135HP transceiver with the NRD-525/535D general coverage receiver enables transceive or split operation and simultaneous reception of two frequencies. For the combined operation, the RS-232C interface unit is required as an option for both the NRD-525/535D and JST-135HP. *200 Memory channels * Memory settings are backed up by internal battery. * A dual digital VFO *VOX operation *RIT control *Squelch on all modes * Display dimmer control. **List Price \$3345.00**



GILFER PRICE: \$2749.95 (+\$15)

JST-135HP includes the following options at no additional charge:

* Bandwidth Control (BWC) CFL-243: \$359.95 (+\$4) * Notch Follow Filter, CDD-366: \$189.50 (+\$4) * Exalted Carrier Selectable Sideband (ECSS) CMF-78: \$235.95 (+\$4) * RS-232C interface, CMH-741: \$169.95 (+\$4) * IF filters for 300 Hz, CFL-231; 500 Hz, CFL-232; 1 kHz, CFL-233; 1.8 kHz, CFL-218A; and 2.4 kHz, CFL-251 bandwidths-- each \$139.95(+\$3). * Other options not included are: NBD-520U Power Supply \$329.95 (+\$12), CMH-742 Daughter board (\$60.95 (+\$3)) *NVT-58 Hand Microphone \$40.95(+\$4).

KENWOOD TM-241A

We have had many delighted customers for the dandy TM-241A. This 144MHz FM Transceiver gets you movin' on mobile.

Our choice for a compact 144 MHz mobile transceiver that will fit your car needs and your needs. Features:

Double conversion superheterodyne circuitry *144-148 MHz coverage *Power requirements 13.8 VDC *Output 50W on Hi, 10 W on Mid and 5 W on Low *Current drain in transmit mode less than 11 A *Antenna input impedance 50 ohms. *Band scan, programmable band scan and memory scan *Scan/hold functions *Memory Lockout function *Priority Alert *For repeater operation, the transmitter has been programmed according to standard ARRL Band Plan *Reverse Pair function *Autopatch operation function *Record an incoming signal *Playback *Automatic Record *Microphone Lock and Panel Lock for safety. Order #K01 124.

GILFER PRICE \$419.95 (+\$6)



KENWOOD TSU-6 OPTION::

For use of the sub-audible tone decoder. TSU-6 allows CTCSS operation. Squelch will only open when the proper tone is received.

GILFER PRICE \$47.95 (+\$3)

DUST COVERS FOR ALL YOUR FINE RECEIVERS

Wouldn't you like to keep your equipment looking as new as the day you bought it? Well you can, with dust covers from GILFER and from COVERCRAFT. We have sizes to fit the receivers and transceivers in this catalog plus many older models as well. **Plastic translucent covers are \$9.95** when bought with the receiver of your choice. **GILFER black waterproof cloth covers are \$12.95**. Add \$3 shipping if bought separately.